

**Amendments to the Specification**

Please replace paragraph [0025] with the following amended paragraph.

[0025] The positive wire 41 is coupled to a network comprising transistor Q10, resistor R10 and zener diode D10. The other side of the zener diode D10 is connected to the shield 17. The collector of transistor Q10 is coupled to resistor R30 and LED10 which is, in turn, connected to opto-isolator 43. Opto-isolator 43 comprises LED30 and transistor Q30. A similar circuit including opto-isolator 45 is coupled between the negative wire 42 and the shield 17. Resistor R40 is connected between the shield 17 and LED20 which is, in turn, connected to opto-isolator 45. Opto-isolator 45 comprises LED40 and transistor Q40. The collector of a transistor Q20 is coupled to the opto-isolator 45 and its base is connected to the shield through resistor R20 and zener diode D20. ~~LED40 and resistor R40 are coupled to the opto-isolator 45.~~ The collectors of transistor Q30 and transistor Q40 are connected to alarm circuitry and connected through pull-up resistor R50 to voltage source +V for the alarm circuitry.